Commonwealth of Massachusetts
Executive Office of Environmental Affairs
Department of Environmental Protection
Central Regional Office

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Governor
Trudy Coxe
Secretary, EOEA
David B. Struhs
Commissioner

Suburban Nursing Home
c/o Acton Medical Investors, L.P.
P.O. Box 3480
Cleveland, Tennessee 37320 - 3480
Attn: David Gooch, Senior Vice - President

RE: ACTON-DWPC-# 52122
314 CMR 5.00, # 0-571
Suburban Nursing Home
Clearwater Approval

Dear Mr. Gooch:

On May 22, 1995 Lou Gionet from this office observed a hydraulic (clear water) test of the Suburban Nursing Home Wastewater Treatment Facility (WWTF) in Acton. Present at the test was Kevin Klein of Tundra Engineering, and Steven Badger, Operator from WWEM, Celeste Valleire of Mahoney Assoc., Doug Haley, Acton Board of Health and Chris Van Allen representing the Acton Medical Investors, L.P.

The Waste Water Treatment Facility (WWTF) is designed to treat 24,450 gallons per day of domestic wastewater from the Nursing Home.

All process equipment, pumps, and alarms were tested.

1. Pretreatment Tank - This is a 25,000 gallon primary treatment tank providing 24 hour detention time which then flows into the equalization tank.

2. Flow Equalization - This is a 12,500 gallon tank which will provide 12 hour detention time. The pumps in the flow equalization tank went on when the floats were lifted. The low water and high water alarms sounded when the floats were tilted.

3. Aerobic RBC - The aerobic RBC turned in a satisfactory manner.

4. Anoxic RBC - The anoxic RBC was mostly submerged, with just the top few inches of media exposed. The blower motors needed adjustment but were functional the following day.

5. Secondary Clarifier - The weirs on the secondary clarifier had not been leveled, and uneven flow over some parts of the weir was observed, corrections were made achieving levelling as required.

6. Tertiary Rapid Sand Filter (RSF) - The RSF appeared to be operating properly.

7. UV Disinfection - Disinfection is provided by ultraviolet light. The bulbs were in and the meter was working, this unit is capable of a 17.0 gpm capacity.

8. Final Effluent Pumps - Final effluent pumps pump the effluent to the dosing chamber and eventually to the leaching fields. The pumps are 3hp and appeared to be functioning properly. All alarms appeared to work at low and high, when the floats were tilted the alarms sounded.

9. Subsurface Leaching Fields - There are two subsurface leaching fields that will be alternated. Six (6) pipes lead from two (2) distribution boxes, each with gate valves to control the flow to the fields. The pipes appeared to be at even heights.

10. Flow Meter - The flow meter is located in the UV disinfection chamber.

11. Methanol Feed - The methanol feed room is completed and separated from the other components. The metering pump is installed inside the treatment facility and is flow proportional.

12. Emergency Generator - The emergency generator was activated and was shown to operate the entire plant and also the Nursing Home. This is a 185 KW generator.

13. Alarm System - The autodialer has been installed to notify the front main desk and then to the chief operators beeper and home phone in case of an emergency.

14. A set of final as built plans and the O & M manual must be kept at the facility.

All pumps, alarms and mechanical equipment observed appeared to function as designed.

As a result of the successful hydraulic test on May 22,

1995, this office hereby approves the complete start-up and operation of The Suburban Nursing Home's Wastewater Treatment Facility.

The granting of this approval is subject to the approval of any other local, state or federal authority that may have jurisdiction.

This office has reviewed the WWTF's Operation and Maintenance (O&M) manual. A copy of which is being returned as approved and must be kept on site at all times.

If you have any questions feel free to contact Lou Gionet of my staff at (508) 792-7650 ext. 3738.

Very truly yours,

James R. Kimball for

Robert A. Kimball, P.E.
Regional Section Chief
Division of Water Pollution Control

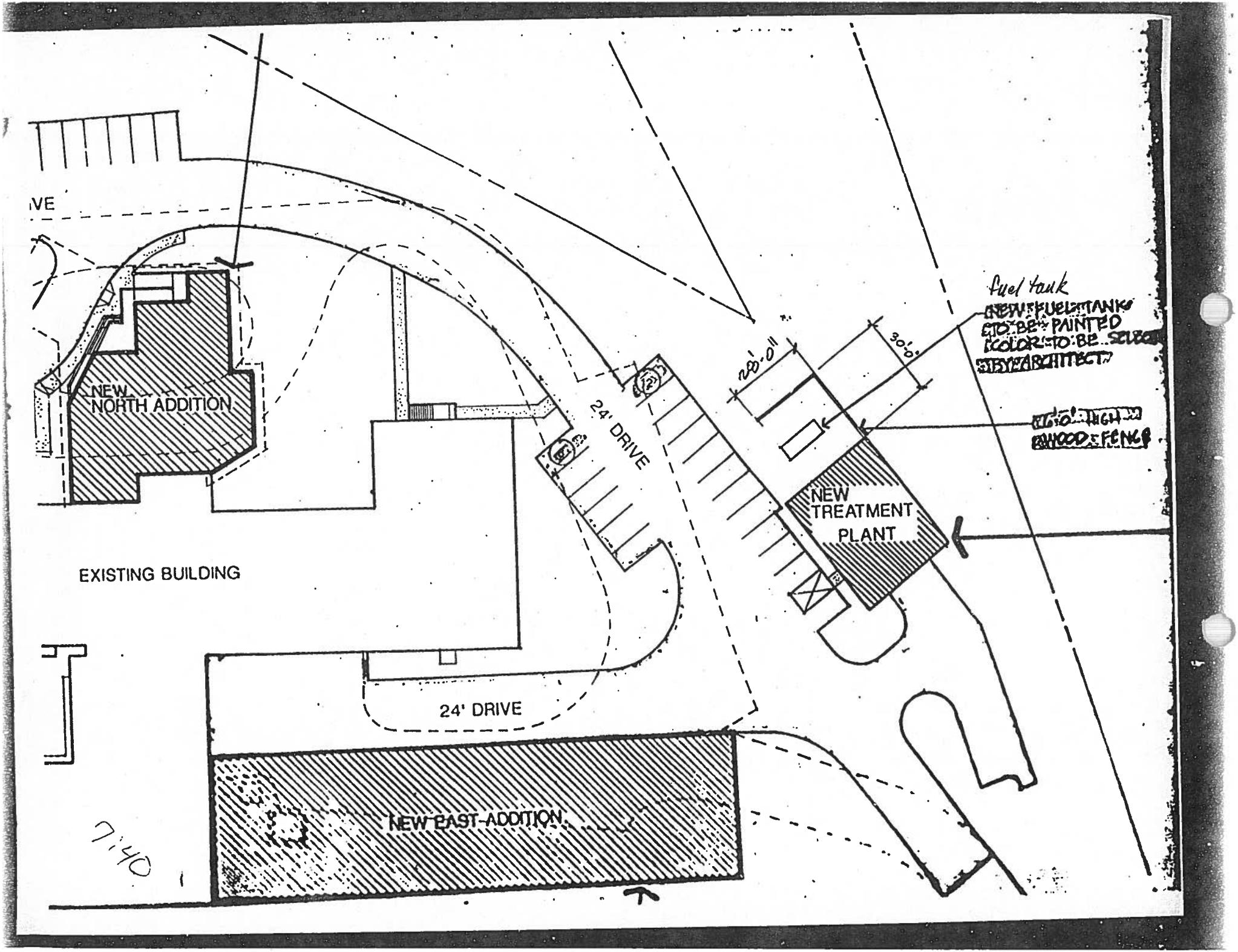
LG/hs:571clrw.002

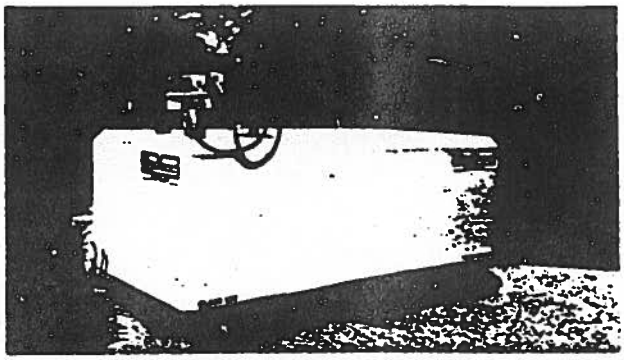
cc: Richard Chretian - DWPC - Boston MA

Steve Badger, WWEM, Chelmsford, MA

Doug Haley, Acton BOH, Town Hall, Acton, MA 01720

"Tundra" c/o De Feo, Wait, Pare' & Associates, Inc.
31 Bellows Road Rayhan, MA 02667 Attn: Kevin Klein


IVE
NEW NORTH ADDITION
EXISTING BUILDING
24' DRIVE
24' DRIVE
NEW EAST ADDITION
NEW TREATMENT PLANT
20'-0"
30'-0"
fuel tank
NEW FUEL TANK TO BE PAINTED COLOR TO BE SELECTED BY ARCHITECT
6'-0" HIGH WOOD FENCE
7:40



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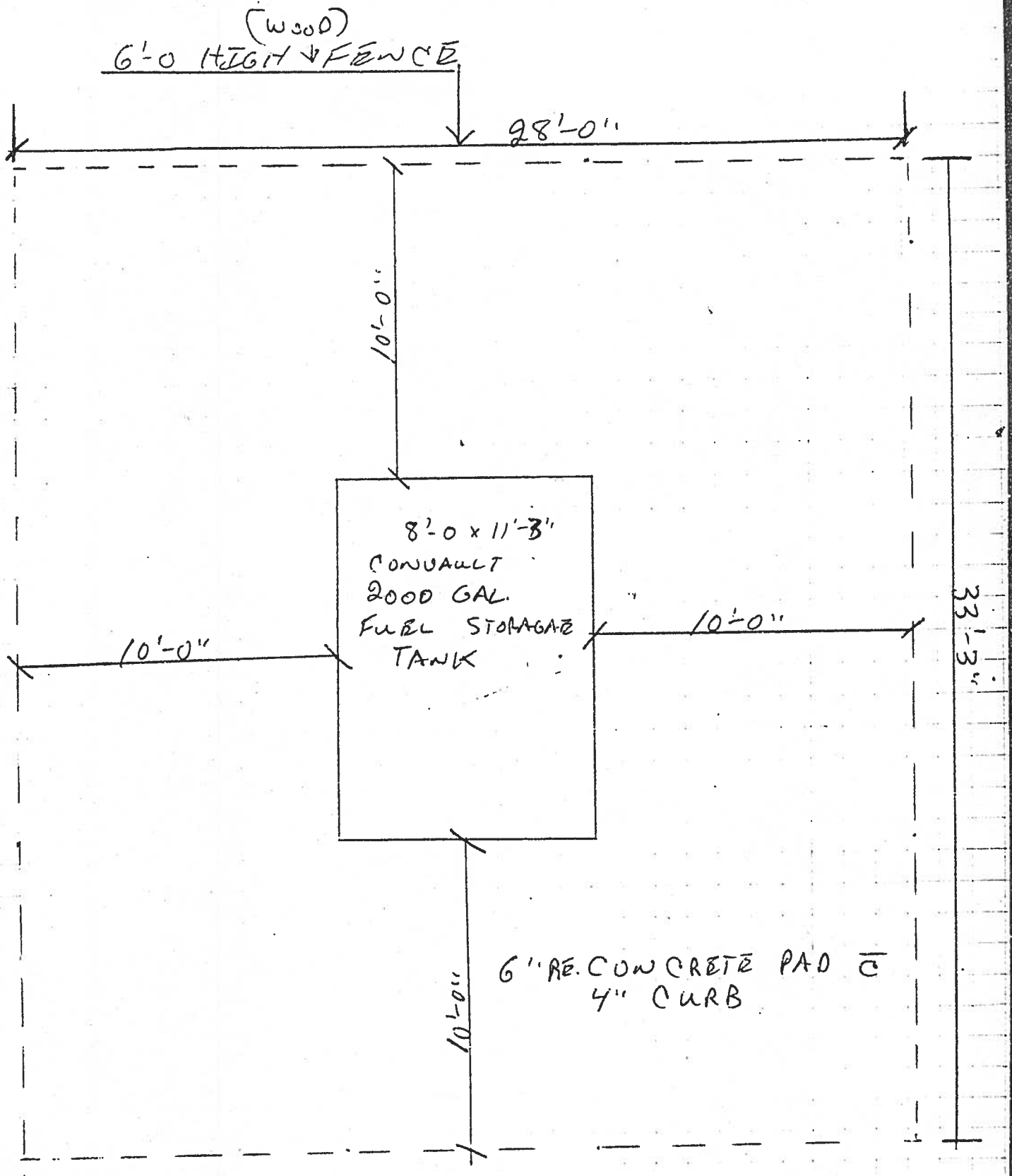


CONCRETE PAD IS 33'-3" X 28'-0". E A 4" CURB WHICH EQUALS 288.75 Cu. Ft. X 7.5 gals. per Cu. Ft. EQUALS 2165.62 GALS. OF CAPACITY FOR SPILLAGE

Overfill Alarm Systems

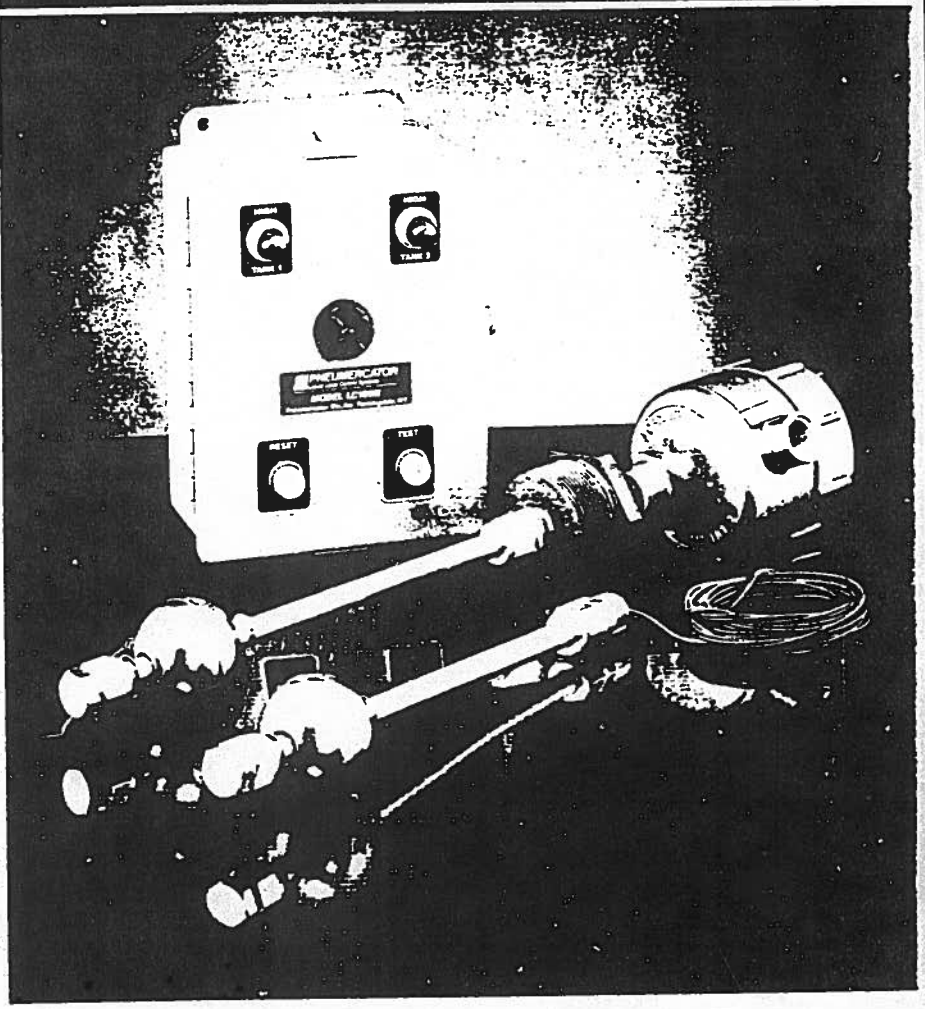
LS 600/LC 1000

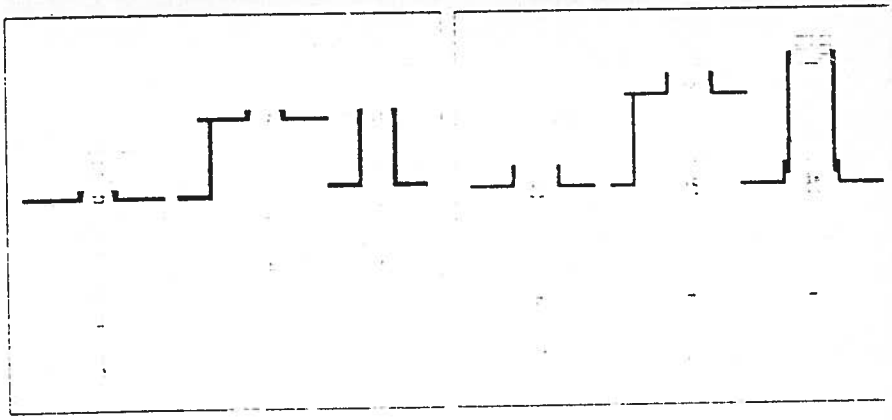
The LC 1000 series Alarm Console combined with the LS 600 series High-Level Float Switches, provides optimal overfill protection in any tank configuration. The intrinsically safe system has the approval of nationally recognized third-party test laboratories and conforms to Federal and State regulations for overfill alarming.

Housed in a weatherproof enclosure, the LC 1000 console's circuitry provides alarm channels for monitoring up to four independent sensing points. Each high-level probe may be installed up to 5000 feet away. Per-point dry contact outputs are provided for controlling external devices such as pumps, valves and remote alarms. An optional automatic horn silence feature is ideal for installation in restricted noise locations.

The High-Level Float Switch is available in two versions: the LS 600A and the standard LS 600. The LS 600A has a fixed 8-inch actuation point in brass or all stainless steel construction as well as a ½-inch NPT fitting and 10-foot wire leads. The standard LS 600 High-Level Float Switch is also available in brass or all stainless steel and has a 2- or 1½-inch NPT bushing as well as an explosion-proof housing for termination.

A special adaptation of the LS 600 Level Switch provides for 100% system performance test capability. This assembly comes equipped with a mechanical lifting lever for manually raising the float through its switching position while still installed in the tank.





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PNEUMERCATOR
Liquid Level Control Systems

LAUNDRY ROOM

CHEMICAL SPILL CLEAN UP

Less than one cup:

- Cover the drain.
- Review the MSDS Sheets.
- Utilize the proper safety equipment.
- Clean up the spill with towels.
- Dispose

More than one cup:

- Cover the drain.
- Call Maintenance.
- Maintenance will review the MSDS Sheets.
- Maintenance will utilize the proper safety equipment.
- Maintenance will utilize the Chemical Spill Kits to clean up the spill.

HOUSEKEEPING STORAGE ROOM

CHEMICAL SPILL CLEAN UP

Less than one cup:

- Review the MSDS Sheets.
- Utilize the proper safety equipment.
- Clean up the spill with towels.
- Dispose

More than one cup:

- Call Maintenance.
- Maintenance will review the MSDS Sheets.
- Maintenance will utilize the proper safety equipment.
- Maintenance will utilize the Chemical Spill Kits to clean up the spill.